BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work: Improvements to roads and drains at Doddabettahalli layout in Ward No. 03

Sl No	Description of work	Unit	No	Length m	Breadth m	Depth m	Quantity	Rate in Rs	Amount in Rs
1	KSRRB 300 - Excavation for road, drains and similar works KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. (P.No-143, I.No-19.1)								
	For RCC Drain	Cum							
	Doddbettahalli								
	Amba Bhavani Temple Road, LHS		1	447.00	1.20	1.00	536.40		
	Amba Bhavani Temple Road, RHS		1	327.00	1.20	0.90	353.16		
	Provision store Road		1	105.00	1.20	0.90	113.92		
	For RCC Culvert		3	6.00	1.60	1.00	28.80		
							1032.28	215.28	**222229.24**
	Basic Rate Rs.=	130.00							
	Add 6% A.W Rs. =	7.80							
	Sub Total =	137.80							
	8Km Lead, Loading and Unloading =(2*1.28*8)+57	77.48							
	Total Rate Rs. =	**215.28**							
2	KSRRB M2100-10. Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications. (P.No-222,I No-27.18)								
	For Drain	Cum							
	Doddbettahalli								
	Amba Bhavani Temple Road, LHS		1	447.00	1.20	0.15	80.46		
	Amba Bhavani Temple Road, RHS		1	327.00	1.20	0.15	58.86		
	Provision store Road		1	105.00	1.20	0.15	18.90		
	For Kerb Stone								
	Amba Bhavani Temple Road, LHS		1	370.00	0.20	0.10	7.40		
	Amba Bhavani Temple Road, RHS		1	327.00	0.20	0.10	6.54		
	For RCC Culvert		3	6.00	1.60	0.15	4.32		
							176.48	5421.90	**956856.91**
	Basic Rate Rs.=	5115.00							
	Add 6% A.W Rs. =	306.90							
	Total Rate Rs. =	**5421.90**							
3	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. With 20mm and sown size granite metal course aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compcted for walls and bottom including centring shuttering cost of material HOM of machinary curing etc., complete execluding cost of steel as per MORTH specification no. 1500, 1700, 2200 including cost of material labour HOM complete as per specification. (P.No.271, I.No.37.59.2 of PW, P&IWTD S.R 2018-19)								
	For RCC Drain	Cum							
	Doddbettahalli								
	Bottom slab								
	Amba Bhavani Temple Road, LHS		1	447.00	1.10	0.15	73.76		
	Amba Bhavani Temple Road, RHS		1	327.00	1.10	0.15	53.96		
	Provision store Road		1	105.00	1.10	0.15	17.33		
	side walls								
	Amba Bhavani Temple Road, LHS		2	447.00	0.15	0.65	87.17		
	Amba Bhavani Temple Road, RHS		2	327.00	0.15	0.65	63.77		
	Provision store Road		2	105.00	0.15	0.55	17.33		
	For RCC Culvert						**313.29**		
	Raft								
	side walls		3	6.00	1.40	0.23	5.80		
			6	6.00	0.23	0.50	4.14		
							9.94		
					Net Qty.		323.23	7070.20	**2285272.47**

Sl No	Description of work	Unit	No	Length	Breadth	Depth	Quantity	Rate	Amount
				m	m	m		in Rs	in Rs
	Basic Rate Rs.=	6670.00							
	Add 6% A.W Rs. =	400.20							
	Total Rate Rs. =	**7070.20**							
4	KSRRB - M2300-14: Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, palcing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrs wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.MORTH Specification No. 1600 & 2200 for TMT bars Fe 500. (P.No.239, I.No.29.29.2 of PW, P&IWTD S.R 2018-19)								
	Steel For Drain	Tonne		313.29	0.070	--	21.93		
	Steel For Culvert			9.94	0.100	--	0.99		
							22.92	73992.24	**1696190.71**
	Basic Rate Rs.=	69804.00							
	Add 6% A.W Rs. =	4188.24							
	Total Rate Rs. =	**73992.24**							
5	Providing and fixing RCC precast cover slab of 100mm thick for drain in cement concrete 1:1.5:3 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)								
	For drain cover slab	Sqm							
	Doddbettahalli								
	Amba Bhavani Temple Road, LHS		1	447.00	0.90	--	402.30		
	Amba Bhavani Temple Road, RHS		1	327.00	0.90	--	294.30		
	Provision store Road		1	105.00	0.90	--	94.50		
	missing/damaged slabs		419	0.60	0.90	--	226.20		
							1017.36	2337.00	**2377570.32**
6	Providing and fixing RCC precast cover slab of 250mm thick made out of CC 1:2:4 and jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)								
	For Culvert Slabs	Sqm	3	6.00	1.20	--	21.60		
	missing/damaged slabs		4	0.60	1.20	--	2.88		
							24.48	5418.00	**132632.64**
7	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete ,complete. As per the direction of Engineer incharge. (P.No.27, I.No.5.30 of PW, P&IWTD SR 2018-19)								
		Nos							
	Doddbettahalli								
	Amba Bhavani Temple Road, LHS		1	370.00			370.00		
	Amba Bhavani Temple Road, RHS		1	327.00			327.00		
							697.00		
	Basic Rate Rs.=	408.00					**1549.00**	432.48	**669911.52**
	Add 6% A.W Rs. =	24.48							
	Total Rate Rs. =	**432.48**							
8	Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. MORTH Chapter 8 Specification No. KSRRB M800-6. (P.No.180, I.No.24.1 of PW, P&IWTD SR 2018-19)								
		Sqm							
	Doddbettahalli								
	Amba Bhavani Temple Road, LHS		1	370.00	0.40		148.00		
	Amba Bhavani Temple Road, RHS		1	327.00	0.40		130.80		
	Basic Rate Rs.=	80.00					**278.80**	84.80	**23642.24**
	Add 6% A.W Rs. =	4.80							
	Total Rate Rs. =	**84.80**							
	Add GST @ 12%						Sub Total 1 Rs.		**8364305.80**
									1003716.70

Sl No	Description of work	Unit	No	Length m	Breadth m	Depth m	Quantity	Rate in Rs	Amount in Rs
	Add KRIDL @ 4%								334572.23
	DPR & PMC Charges including GST								197000.00
								Sub Total 2 Rs.	9899594.73
	Miscellaneous & Rounding off								405 27
								Total Rs.	9900000.00

CERTIFICATE:

1 The work spot has been inspected by me and the work is found to be necessary
2 The estimate is prepared as per PW, P&IWTD S.R Bangalore circle for the year 2018-2019.
3 The Provisions made in the estimate are quite necessary and adequate.
4 The area comes with in the BBMP limits.

Assistant Engineer	Assistant Executive Engineer	Executive Engineer
Ward 03	Yelahanka Newtown Sub Division	Yelahanka Division
BBMP	BBMP	BBMP

Administrative Sanction for Rs. 99.00 Lakhs
Ninety Nine Lakhs only
is accorded under head P-3727 2018-19
Chief Minister Nava nagara-
thana grants
Registered as CE No
to conditions cont
No EE/YNK/AS/211/2018-19 28/10/2019

Executive Engineer
ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ವಿಭಾಗ
ಬ.ಬ.ಆ.ಪ. ಬೆಂಗಳೂರು - 560064

Technical Sanction
Accorded For R.S99'Wbarchendy
Head of A/C. P.3727
CER NO :...111..... Dt:.28.10.2019

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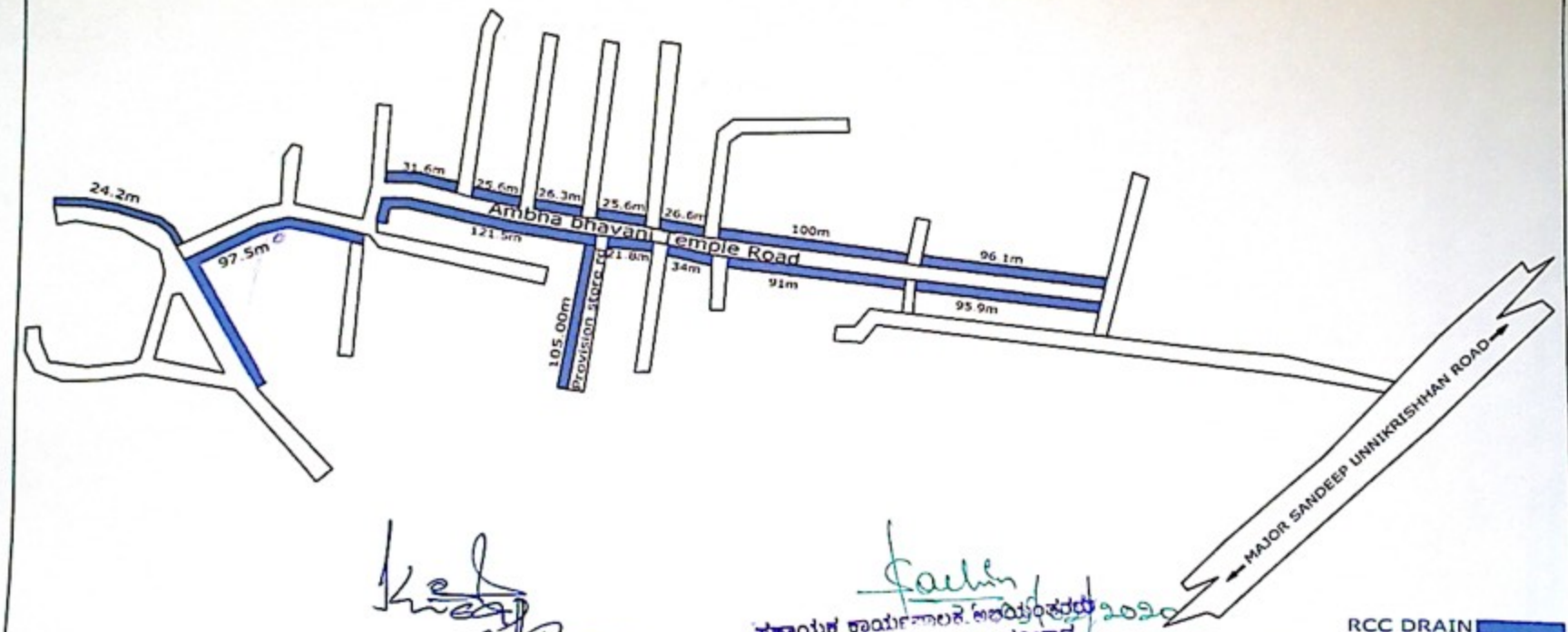
CE (YNK)

NAME OF WORK- Improvements to roads and drains at Doddbettahalli layout in Ward No. 03

DODDABETTAHALLI VILLAGE



5/2/2020

CLIENT
BRUHAT BANGALORE MAHANAGARA PALIKE

NEWZEN CONSULTANTS BANGALORE
#210,MAIN 2nd CROSS,JNANAJYOTHI NAGAR,
JNANA BHARATHI, BANGALORE-560 056
PH-8792620231. E-mail:kumar.vinod31@gmail.com